



European Patent  
Office

EUROPEAN SEARCH REPORT

Application Number  
EP 04 25 4633

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
A	US 6 276 677 B1 (HOMMOCHI HIROKI ET AL) 21 August 2001 (2001-08-21) * the whole document *	1-6	B65H45/18
P,A	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 12, 5 December 2003 (2003-12-05) & JP 2004 106976 A (KONICA MINOLTA HOLDINGS INC), 8 April 2004 (2004-04-08) * abstract *	1-6	
A	DE 101 22 113 A (HEIDELBERGER DRUCKMASCH AG) 22 November 2001 (2001-11-22) * paragraph '0026! - paragraph '0027!; figures 6,7 *	1	
A	US 3 671 033 A (COAST JOHN B) 20 June 1972 (1972-06-20) * column 4, line 25 - line 41; figure 3 *	1	
A	US 5 738 620 A (EBNER ARNO ET AL) 14 April 1998 (1998-04-14) * the whole document *	1-6	TECHNICAL FIELDS SEARCHED (Int.Cl.7) B65H
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 25 November 2004	Examiner Hannam, M
<div>CATEGORY OF CITED DOCUMENTS</div> <div>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</div> <div>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons &amp; : member of the same patent family, corresponding document</div>			

1  
EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 04 25 4633

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
The members are as contained in the European Patent Office EDP file on  
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

25-11-2004

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6276677 B1	21-08-2001	JP 3478720 B2 JP 11193175 A	15-12-2003 21-07-1999
JP 2004106976 A	08-04-2004	US 2004071529 A1	15-04-2004
DE 10122113 A	22-11-2001	DE 10122113 A1 EP 1156004 A2 US 2001049326 A1	22-11-2001 21-11-2001 06-12-2001
US 3671033 A	20-06-1972	CA 948662 A1 DE 2157593 A1 FR 2115956 A5 GB 1362594 A US 3918698 A	04-06-1974 02-08-1973 07-07-1972 07-08-1974 11-11-1975
US 5738620 A	14-04-1998	DE 19543152 A1 JP 9165139 A	22-05-1997 24-06-1997